Defining A Logical Printer Defining A Logical Printer

# **Defining A Logical Printer**

This section explains how to define Logical Printers.

It covers the following topics:

- What is a Logical Printer?
- Listing Logical Printers
- Adding a Logical Printer
- Other Logical Printer Maintenance Functions

# What Is a Logical Printer?

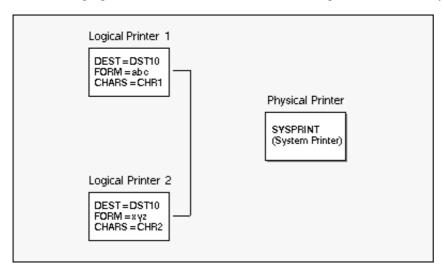
Prerequisite: To define Logical Printers, you must first have defined at least one Physical Printer for your system. For information on Physical Printers, see the subsection Defining a Physical Printer in the System Programmer's Documentation.

Logical Printers are used to print Reports or Bundles.

A Logical Printer refers to printing on a Physical Printer such as a VTAM printer, a system printer or a DASD sequential data set by applying a set of printing characteristics, such as FORM, CHARS, FCB, etc.

Different Logical Printers can print on the same Physical Printer but with different characteristics.

The following figure demonstrates the relation between Logical Printers and Physical Printers:



In this example, two Logical Printers 1 and 2 with different parameters are assigned to the same Physical Printer, SYSPRINT, the system printer.

# **Listing Logical Printers**

## **Printer Maintenance Screen**

To list all defined Logical Printers

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Printer Maintenance Screen Defining A Logical Printer

• Enter 3 in the command line of the Main Menu and press Enter.

The Printer Maintenance screen appears:

07:27:52 User ID GHH	**** Entire Output M - Printer Maint	_	**** 08/10/1999
Cmd Printer Authori	z Description	Physical	Location
ABC ADMIN A234 ADMIN DAEPRT12 ADMIN	Print to Connect CON	CON-NECT SYSPRPWR DAEPRT12	
DAEPRT14 ADMIN GWPWR ADMIN	DC Group Printer	DAEPRT14 NEW	VTAM Printer DAEPRT14 any
MRSCNT0 ADMINMRSCNT1 ADMINMRSCNT11 ADMIN			
MRSCNT21 ADMIN MRSCNT31 ADMIN MRSPWR ADMIN	Connect Printer Connect Printer	CONNECT2 CONNECT3	Duint to Douge
MRSPWR2 ADMIN	Print to POWER Print to Power witho Print to VSE/Tape		Print to Power
	Print to POWER DC Group Printer		Print to Power VTAM Printer DAEPRT14
Top Of Data Command =>			
Enter-PF1PF2PF3 Help Add Exi		F7PF8 - +	PF9PF10PF11PF12 Menu

The Printer Maintenance screen lists the Logical Printers defined to Entire Output Management. The printers are listed in alphabetical order.

## **Special PF Key Assignments: Logical Printer Maintenance**

PF Key	Function	Explanation
PF2	Add	Add a Logical Printer.

## **Available Line Commands: Printer Maintenance**

Command	Meaning
AU	Authorize Users
СО	Copy Logical Printer definition
DE	Delete Logical Printer definition
DI	Display Logical Printer definition
LO	Display log information regarding maintenance activity on a Logical Printer
МО	Modify Logical Printer definition
RN	Rename Logical Printer

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## **Column Headings: Printer Maintenance**

For all headings marked with an asterisk \* below, you can enter selection criteria (**prefix** \*) in the field directly beneath the heading.

#### Cmd

Enter a two-character line command.

#### • Printer \*

Enter the Logical Printer ID or selection criteria for the ID.

#### • Authoriz \*

Access to Entire Output Management objects can be granted to a User ID, a group of Users or to all Users. To list authorized objects enter a User ID, a Distribution List or PUBLIC here.

#### Description

A short description of the Logical Printer.

#### Physical \*

The name of the Physical Printer.

#### Location

The physical location of the printer, taken from the definition of the Physical Printer.

# **Adding a Logical Printer**

# To ADD a Logical Printer definition

• Press PF2 (Add) on the Printer Maintenance screen.

The Logical Printer > General Attributes screen, appears:

```
08:16:24
                    **** Entire Output Management ****
                                                            08/10/1999
User ID GHH
                 - Logical Printer >General Attributes -
Logical Printer
   Name .....
   Description .....
Physical Printer
   Name ....._
   Location .....
Copies ....._
Priority ..... _
Printer Exit
   Member ....._
   Library .....
Jobcards
Command =>
Enter-PF1---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
    Help Add
                                               Attrb Edit
               Exit Flip Do
                               Undo
```

The Logical Printer >General Attributes screen is used to add a Logical Printer definition or modify an existing one.

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### Special PF Key Assignments: Logical Printer - General Attributes

PF Key	Function	Explanation
PF2	Add	Add another Logical Printer.
PF9	Attrib	Modify special printer attributes.
PF10	Edit	If you have entered a Printer Exit Member, edit the member. For more information, see the Section User Routines and Separator Pages in the System Programmer's Documentation.

## Field Descriptions: Logical Printer - General Attributes

### **Logical Printer**

#### Name

If you are adding a Logical Printer, you must enter its ID before proceeding. If you are modifying an existing printer, this field is protected.

The ID must be unique.

#### • Description

Enter a short description for the Logical Printer.

#### **Physical Printer**

#### Name

Enter the ID for the Physical Printer where Reports are to be printed. For further information, see the subsection Selecting a Physical Printer for a Logical Printer.

## • Location (output field)

The location of the Physical Printer appears here when a printer has been selected.

#### Copies

Enter the number of copies to be printed.

### • Priority

Enter the print priority. This is passed to the spooling system when using system printers, or used internally when referring to VTAM printers.

## **Printer Exit**

#### • Member

Enter the name of the exit to be executed for each line before it is printed. You can edit the exit by pressing PF10 (Edit). For more information, see the Section User Routines and Separator Pages in the System Programmer's Documentation.

### • **Library** (output field)

The name of the library where the printer exit is located.

#### Jobcards

Enter the job cards used when printing with a batch job. If you leave these lines blank, the specifications made for the Monitor Standard Definitions are used for printing with a batch job.

# Selecting a Physical Printer for a Logical Printer

### To select a Physical Printer for a Logical Printer

• Enter an asterisk \* in the Physical Printer Name field on the Logical Printer >General Attributes screen and press Enter.

## The Printer Selection window opens:

15:25:35 **** E				08/10/1999
l obel 15 dim logical	+			
Logical Printer Name		Р	rinter Selection List	!
Description	! _	CON-NECT		!!
Name* Location				! ! !
Copies	! _	DAEPRT12	DC-GROUP	!
Priority			VTAM Printer DAEPRT14	!
Printer Exit  Member	! _	HPSPOOL		!!
Library			Print to Power	!!
Jobcards	! !	Select w	ith any character	!!
	! PF3	Exit PF7	Up PF8 Down	!
	!			. !
Command =>	+			+
Enter-PF1PF2PF3PF4				11PF12
Help Add Exit Flip				

# To select a Physical Printer

• Enter any character in the one-character field preceding the printer name. Press Enter.

The printer name is written to the Physical Printer Name field on the Logical Printer >General Attributes screen. The Logical Printer prints on the Physical Printer selected.

# **Modifying Special Attributes for a Logical Printer**

## To modify special attributes for a Logical Printer

• Press PF9 (Attrib) on the Logical Printer >General Attributes screen.

The Logical Printer > Special Attributes screen appears:

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```
08/10/1999
Logical Printer
  Name ..... SYSPRPWR
  Description .....
Attributes
  Burst .....
  Chars .....
  Class .....
  Cmpact .....
  Destination .....
  Delt .....
  Disp .....
  Fcb .....
  Flash .....
  Form .....
  Jsep .....
Top Of Data
Command => _
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
    Help Add Exit Flip Do
                       Undo
```

The attributes as defined for the Physical Printer appear on this screen. You can modify them by simply entering new values and pressing Enter. For more information on these attributes, see the subsection Defining Special Attributes for a Physical Printer in the System Programmer's Documentation.

Special PF Key Assignments: Logical Printer - Special Attributes

PF Key	Function	Explanation
PF2	Add	Add another Logical Printer.

# **Other Logical Printer Maintenance Functions**

# **Modifying a Logical Printer**

# To modify a logical printer

• On the Logical Printer Maintenance screen, enter MO in the two-character command line preceding the Logical Printer you want to modify and press Enter.

The Logical Printer Definition screen appears for the Logical Printer you have selected.

You can modify the data displayed by simply entering new data in the input fields. When you have finished
modifying the Logical Printer definition, press Enter to save your modifications.

A message confirms that the Logical Printer definition has been successfully modified:

Record modified

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• If COMMIT is set to OFF, press PF5 (Do) to save your modifications before exiting. If you do not, a window opens in which you can commit modifications by typing **Y**. Type **Y** and press Enter.

A message confirms:

```
All modifications committed
```

For explanations of the input fields, see Field Descriptions.

# **Authorizing User Access to a Logical Printer**

# To authorize user access to a logical printer

• On the Logical Printer Maintenance screen, enter AU in the two-character command line preceding the Logical Printer for which you want to grant authorization and press Enter.

The Authorization List window for Logical Printers opens.

To grant authorization to a User, proceed as described in the Section Authorizing User Access to Objects.

# **Copying a Logical Printer**

• On the Logical Printer Maintenance screen, enter CO in the two-character command line preceding the Logical Printer you want to copy and press Enter.

The Copy Printer Definition window opens.

# To copy the Logical Printer

• Type the name of the target Logical Printer in the input field provided and press Enter.

A message confirms:

Logical Printer copied successfully

# **Deleting a Logical Printer**

# To delete a logical printer

• On the Logical Printer Maintenance screen, enter DE in the two-character command line preceding the Logical Printer you want to delete and press Enter.

If CONFIRM is set to ON, a window opens which asks you to confirm deletion by typing the name of the Logical Printer again.

• Type the Logical Printer name in the input field provided and press Enter.

A message confirms:

Object deleted

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Displaying a Logical Printer Defining A Logical Printer

# **Displaying a Logical Printer**

# To display a logical printer

• On the Logical Printer Maintenance screen, enter DI in the two-character command line preceding the Logical Printer you want to display and press Enter.

The Logical Printer Definition screen appears for the Logical Printer you selected.

In display mode you can only view the object parameters.

You cannot enter or modify data because all fields are protected.

# **Displaying Log Information for a Logical Printer**

## To display log information for a logical printer

• On the Logical Printer Maintenance screen, enter LO in the two-character command line preceding the Logical Printer for which you want to display log information and press Enter.

The Log Display screen appears for the Logical Printer selected.

• You can display more information about a log entry by entering the IN line command in the two-character command line preceding the entry and pressing Enter.

For further details, see the subsection Displaying Log Information for an Object and the Log Display screen.

# **Renaming a Logical Printer**

• On the Logical Printer Maintenance screen, enter RN in the two-character command line preceding the Logical Printer you want to rename and press Enter.

The Rename Logical Printer window opens.

# To rename the Logical Printer

• Type the new Logical Printer name in the input field provided and press Enter.